



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2009
Code: 10561235
SAU: Ellsworth School Department
School: Ellsworth Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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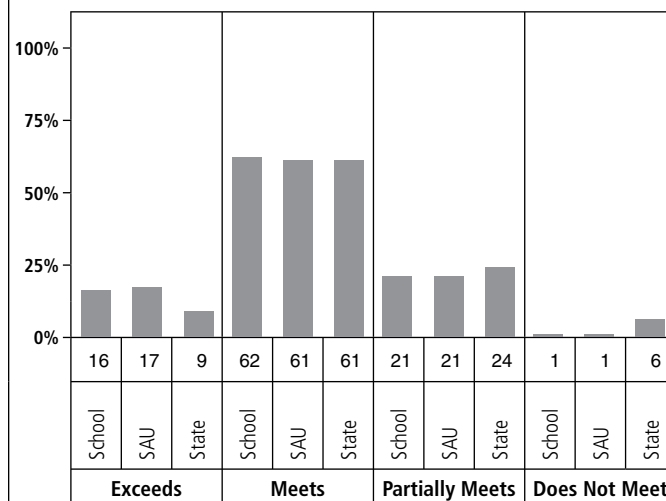
SUMMARY OF SCORES

Test Date: March 2009
Grade: 6
SAU: Ellsworth School Department
School: Ellsworth Middle School

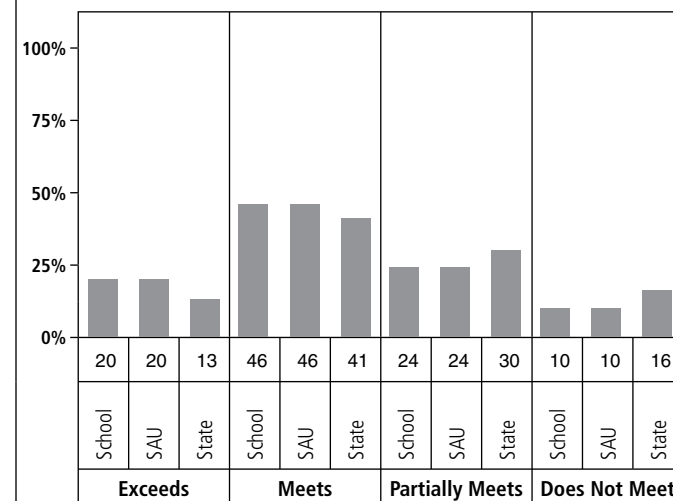
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	647	647	646
2007–2008	650	650	648
2008–2009	651	651	647
Cum. Avg.*	649	649	647
Mathematics			
2006–2007	648	648	643
2007–2008	650	650	642
2008–2009	648	648	643
Cum. Avg.*	649	649	643

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 6
SAU: Ellsworth School Department
School: Ellsworth Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	91	100	90	100	14251	100	91	100	90	100	14150	99	91	100	90	100	14156	100						
Ethnicity African American/Black	0	0	0	0	421	3	0	0	0	0	412	98	0	0	0	0	415	99						
American Indian or Native Alaskan	1	1	1	1	128	1	1	100	1	100	127	99	1	100	1	100	128	100						
Asian or Pacific Islander	2	2	2	2	212	1	2	100	2	100	210	99	2	100	2	100	212	100						
Hispanic	0	0	0	0	181	1	0	0	0	0	177	98	0	0	0	0	178	99						
Caucasian/White	88	97	87	97	13309	93	88	100	87	100	13224	100	88	100	87	100	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	10	11	10	11	2468	17	10	100	10	100	2423	99	10	100	10	100	2426	99						
Current LEP	1	1	1	1	341	2	1	100	1	100	330	97	1	100	1	100	338	99						
Economically disadvantaged	43	47	43	48	5780	41	43	100	43	100	5724	99	43	100	43	100	5725	99						
Migrant	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	77	85	76	84	11369	80	77	85	76	84	11373	80						
Identified disability (PET/IEP)	1	1	1	1	355	3	1	1	1	1	371	3						
LEP	1	1	1	1	167	1	1	1	1	1	170	1						
504 plan	0	0	0	0	172	2	0	0	0	0	175	2						
Participation with accommodations	14	15	14	16	2594	18	14	15	14	16	2605	18						
Identified disability (PET/IEP)	9	64	9	64	1881	73	9	64	9	64	1877	72						
LEP	0	0	0	0	155	6	0	0	0	0	161	6						
504 plan	0	0	0	0	74	3	0	0	0	0	71	3						
Other	5	36	5	36	519	20	5	36	5	36	532	20						
Participation through alternate assessment (PAAP)	0	0	0	0	187	1	0	0	0	0	178	1						
Identified disability (PET/IEP)	0	0	0	0	187	100	0	0	0	0	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	26	0	0	0	0	0	25	0						
Non-participation – other	0	0	0	0	75	1	0	0	0	0	70	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 6
SAU: Ellsworth School Department
School: Ellsworth Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007	9	9	9	9	1132	8
	2007-2008	12	16	12	16	1817	13
	2008-2009	15	16	15	17	1309	9
	Cum. Total*	36	14	36	14	4258	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007	58	58	56	57	8127	57
	2007-2008	45	60	45	60	8072	57
	2008-2009	56	62	55	61	8564	61
	Cum. Total*	159	60	156	59	24763	59
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007	24	24	24	24	3549	25
	2007-2008	14	19	14	19	3194	23
	2008-2009	19	21	19	21	3291	24
	Cum. Total*	57	21	57	22	10034	24
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007	9	9	10	10	1478	10
	2007-2008	4	5	4	5	981	7
	2008-2009	1	1	1	1	799	6
	Cum. Total*	14	5	15	6	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	36.7	65.5	36.6	65.4	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	13.0	65.0	13.0	65.0	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	23.6	65.6	23.6	65.6	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: Ellsworth School Department
 School: Ellsworth Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	91	15	16	56	62	19	21	1	1	651	90	17	61	21	1	651	13963	9	61	24	6	647
Ethnicity																						
African American/Black	0										0						403	5	46	34	15	641
American Indian or Native Alaskan	1										1						125	4	49	38	10	642
Asian or Pacific Islander	2										2						206	18	56	20	6	649
Hispanic	0										0						174	5	55	33	7	644
Caucasian/White	88	15	17	56	64	16	18	1	1	651	87	17	63	18	1	651	13055	9	62	23	5	647
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	4	40	5	50	1	10	640	10	0	40	50	10	640	2236	1	30	48	22	637
No	81	15	19	52	64	14	17	0	0	652	80	19	64	18	0	652	11727	11	67	19	3	649
Current LEP																						
Yes	1										1						322	2	39	37	21	638
No	90	14	16	56	62	19	21	1	1	651	89	16	62	21	1	651	13641	10	62	23	5	647
Economically disadvantaged																						
Yes	43	4	9	29	67	10	23	0	0	649	43	9	67	23	0	649	5617	4	54	33	9	643
No	48	11	23	27	56	9	19	1	2	653	47	23	55	19	2	653	8346	13	66	17	3	650
Migrant																						
Yes	0										0						4					
No	91	15	16	56	62	19	21	1	1	651	90	17	61	21	1	651	13959	9	61	24	6	647
Gender																						
Female	42	7	17	29	69	6	14	0	0	652	41	17	68	15	0	652	6743	13	63	20	4	649
Male	49	8	16	27	55	13	27	1	2	650	49	16	55	27	2	650	7220	6	60	27	7	645
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	18	0	0	8	44	9	50	1	6	642	18	0	44	50	6	642	1408	4	41	43	12	641
No	73	15	21	48	66	10	14	0	0	653	72	21	65	14	0	653	12555	10	64	21	5	648
Gifted/talented program																						
Yes	5	4	80	1	20	0	0	0	0	670	5	80	20	0	0	670	636	39	59	2	0	659
No	86	11	13	55	64	19	22	1	1	650	85	13	64	22	1	650	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: Ellsworth School Department
School: Ellsworth Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	0	0	3	75	1	25	0	0	648	4	0	75	25	0	648	6	5	47	32	16	642
B. less than one hour	61	10	18	29	53	15	27	1	2	650	61	19	52	28	2	650	59	9	62	24	5	647
C. one to two hours	33	5	17	22	73	3	10	0	0	653	34	17	73	10	0	653	32	11	64	21	4	648
D. more than two hours	1	0	0	1	100	0	0	0	0	654	1	0	100	0	0	654	3	10	50	26	13	644
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	28	9	36	14	56	2	8	0	0	658	29	36	56	8	0	658	31	17	66	14	3	651
B. good	55	6	13	32	67	10	21	0	0	650	55	13	67	21	0	650	48	8	64	23	5	647
C. fair	14	0	0	7	58	4	33	1	8	644	13	0	55	36	9	643	18	2	48	40	10	641
D. poor	3	0	0	1	33	2	67	0	0	641	3	0	33	67	0	641	2	1	34	47	18	638
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	39	7	20	22	63	6	17	0	0	653	39	20	63	17	0	653	38	13	65	18	3	650
B. They match some of what I have learned.	43	6	15	27	69	6	15	0	0	652	43	16	68	16	0	652	49	8	63	24	5	647
C. They match just a little of what I have learned.	16	1	7	5	36	7	50	1	7	643	16	7	36	50	7	643	10	5	48	36	11	642
D. There is no match.	2	1	50	1	50	0	0	0	0	660	2	50	50	0	0	660	3	3	35	38	24	639
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	27	3	13	14	58	7	29	0	0	650	28	13	58	29	0	650	16	7	52	30	11	644
B. about the same as my regular schoolwork	61	11	20	32	59	10	19	1	2	652	61	21	58	19	2	652	66	10	64	22	4	648
C. easier than my regular schoolwork	11	1	10	7	70	2	20	0	0	649	11	10	70	20	0	649	17	11	61	22	5	648
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	11	0	0	5	50	5	50	0	0	644	11	0	50	50	0	644	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	57	6	12	32	63	12	24	1	2	649	56	12	62	24	2	649	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	32	9	31	18	62	2	7	0	0	657	33	31	62	7	0	657	35	16	67	14	3	651
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	50	7	16	28	62	9	20	1	2	651	49	16	61	20	2	651	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	48	8	19	25	58	10	23	0	0	651	48	19	58	23	0	651	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	2	0	0	2	100	0	0	0	0	646	2	0	100	0	0	646	3	3	53	29	15	642
How much time do you spend reading at home each day?																						
A. more than one hour	26	10	43	12	52	1	4	0	0	659	26	43	52	4	0	659	23	15	65	16	4	650
B. 20 minutes to an hour	36	5	16	20	63	7	22	0	0	651	36	16	63	22	0	651	49	10	64	22	4	648
C. less than 20 minutes	13	0	0	9	75	2	17	1	8	647	12	0	73	18	9	646	11	6	58	29	7	645
D. I rarely read at home.	26	0	0	14	61	9	39	0	0	645	26	0	61	39	0	645	17	2	51	36	11	642
Optional school/SAU question																						
A.	100	0	0	1	100	0	0	0	0	644	100	0	100	0	0	644						
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 6
SAU: Ellsworth School Department
School: Ellsworth Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007	22	22	22	22	2092	15
	2007-2008	18	24	18	24	1474	10
	2008-2009	18	20	18	20	1807	13
	Cum. Total*	58	22	58	22	5373	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007	42	42	41	41	5731	40
	2007-2008	36	48	36	48	6008	43
	2008-2009	42	46	41	46	5662	41
	Cum. Total*	120	45	118	45	17401	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007	25	25	23	23	4175	29
	2007-2008	17	23	17	23	4244	30
	2008-2009	22	24	22	24	4219	30
	Cum. Total*	64	24	62	23	12638	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007	11	11	13	13	2308	16
	2007-2008	4	5	4	5	2346	17
	2008-2009	9	10	9	10	2290	16
	Cum. Total*	24	9	26	10	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	34.2	61.1	34.2	61.1	30.6	54.6
A. Number	18	32	11.1	61.7	11.1	61.7	10.3	57.2
B. Data	12	21	7.6	63.3	7.6	63.3	6.6	55.0
C. Geometry	14	25	8.5	60.7	8.4	60.0	7.3	52.1
D. Algebra	12	21	7.1	59.2	7.1	59.2	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: Ellsworth School Department
 School: Ellsworth Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	91	18	20	42	46	22	24	9	10	648	90	20	46	24	10	648	13978	13	41	30	16	643
Ethnicity																						
African American/Black	0										0						406	4	26	36	34	633
American Indian or Native Alaskan	1										1						126	4	29	40	28	635
Asian or Pacific Islander	2										2						208	18	47	23	12	647
Hispanic	0										0						175	5	31	41	23	638
Caucasian/White	88	18	20	41	47	21	24	8	9	649	87	21	46	24	9	649	13063	13	41	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	10	1	10	2	20	5	50	2	20	638	10	10	20	50	20	638	2248	3	18	33	46	629
No	81	17	21	40	49	17	21	7	9	650	80	21	49	21	9	650	11730	15	45	30	11	646
Current LEP																						
Yes	1										1						331	3	22	35	40	631
No	90	17	19	42	47	22	24	9	10	648	89	19	46	25	10	648	13647	13	41	30	16	643
Economically disadvantaged																						
Yes	43	6	14	18	42	12	28	7	16	645	43	14	42	28	16	645	5620	6	33	37	25	637
No	48	12	25	24	50	10	21	2	4	652	47	26	49	21	4	652	8358	18	45	26	11	647
Migrant																						
Yes	0										0						4					
No	91	18	20	42	46	22	24	9	10	648	90	20	46	24	10	648	13974	13	41	30	16	643
Gender																						
Female	42	7	17	21	50	9	21	5	12	647	41	17	49	22	12	647	6738	12	40	32	16	642
Male	49	11	22	21	43	13	27	4	8	649	49	22	43	27	8	649	7240	14	41	29	16	644
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	18	0	0	6	33	9	50	3	17	638	18	0	33	50	17	638	1410	3	24	41	32	634
No	73	18	25	36	49	13	18	6	8	651	72	25	49	18	8	651	12568	14	42	29	15	644
Gifted/talented program																						
Yes	5	4	80	1	20	0	0	0	0	669	5	80	20	0	0	669	637	65	32	3	0	665
No	86	14	16	41	48	22	26	9	10	647	85	16	47	26	11	647	13341	10	41	31	17	642

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: Ellsworth School Department
School: Ellsworth Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	1	25	1	25	2	50	0	0	646	4	25	25	50	0	646	6	7	32	28	32	636
B. less than one hour	61	12	22	23	42	11	20	9	16	648	61	22	41	20	17	648	59	13	41	30	16	643
C. one to two hours	33	5	17	18	60	7	23	0	0	651	34	17	60	23	0	651	32	14	41	31	14	644
D. more than two hours	1	0	0	0	0	1	100	0	0	640	1	0	0	100	0	640	3	11	31	33	26	639
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	39	12	34	18	51	4	11	1	3	656	38	35	50	12	3	656	30	27	45	18	9	651
B. good	37	5	15	18	55	7	21	3	9	649	37	15	55	21	9	649	46	9	45	31	15	643
C. fair	16	1	7	5	36	6	43	2	14	641	16	7	36	43	14	641	20	2	29	43	26	635
D. poor	9	0	0	1	13	4	50	3	38	631	9	0	13	50	38	631	4	1	15	46	38	630
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	48	12	28	20	47	6	14	5	12	652	48	28	47	14	12	652	35	18	42	27	13	646
B. They match some of what I have learned.	42	5	13	19	50	12	32	2	5	647	42	14	49	32	5	647	50	11	43	31	15	643
C. They match just a little of what I have learned.	10	1	11	3	33	3	33	2	22	640	10	11	33	33	22	640	13	8	31	36	26	638
D. There is no match.	0										0						3	5	16	27	51	628
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	36	1	3	15	47	12	38	4	13	643	35	3	45	39	13	642	32	7	40	34	20	640
B. about the same as my regular schoolwork	52	11	23	23	49	9	19	4	9	649	53	23	49	19	9	649	56	13	42	30	15	644
C. easier than my regular schoolwork	12	6	55	4	36	0	0	1	9	662	12	55	36	0	9	662	12	31	36	20	13	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	54	9	18	22	45	14	29	4	8	647	55	18	45	29	8	647	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	44	9	23	19	48	7	18	5	13	650	44	23	46	18	13	650	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	1	0	0	1	100	0	0	0	0	648	1	0	100	0	0	648	4	12	28	32	28	638
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	2	0	0	1	50	1	50	0	0	639	2	0	50	50	0	639	6	8	29	29	34	635
B. 30–45 minutes	41	6	16	17	46	10	27	4	11	646	42	16	46	27	11	646	33	10	37	34	19	641
C. 45–60 minutes	43	9	23	18	46	8	21	4	10	651	43	24	45	21	11	651	45	15	44	29	12	645
D. more than 60 minutes	13	3	25	6	50	2	17	1	8	651	13	25	50	17	8	651	16	15	41	28	16	644
How often do you use calculators in mathematics class?																						
A. almost every day	1	1	100	0	0	0	0	0	0	666	1	100	0	0	0	666	9	14	35	29	22	641
B. two or three days a week	9	1	13	3	38	3	38	1	13	643	9	13	38	38	13	643	26	15	40	30	16	644
C. two or three times each month	38	7	21	15	44	10	29	2	6	649	38	21	44	29	6	649	31	13	43	30	14	644
D. never or almost never	52	9	19	24	51	8	17	6	13	649	52	20	50	17	13	649	34	11	40	31	18	642
How often do you use hands-on materials in mathematics class?																						
A. almost every day	3	0	0	1	33	1	33	1	33	631	3	0	33	33	33	631	17	8	35	33	24	639
B. two or three days a week	20	4	22	4	22	8	44	2	11	646	20	22	22	44	11	646	28	13	42	30	15	643
C. two or three times each month	37	3	9	23	70	3	9	4	12	650	37	9	70	9	12	650	31	15	43	30	13	645
D. never or almost never	40	11	31	14	39	9	25	2	6	650	39	31	37	26	6	650	23	14	39	30	17	643
Optional school/SAU question																						
A.	100	0	0	0	0	1	100	0	0	628	100	0	0	100	0	628						
B.	0										0											
C.	0										0											
D.	0										0											

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